

ARMY ENGINEER DISTRICT, SACRAMENTO  
CORPS OF ENGINEERS  
SACRAMENTO, CALIFORNIA

SPK-08316  
Sep 85  
Revised Apr 89

TO: Architect-Engineers and District Personnel:

1. The attached revised guide specification supercedes the previous guide, DOOR, VAULT, SECURITY, SPK-8C, dated September 1985, and is for use in the preparation of project specifications.

#### GENERAL NOTES

Para 2

#### TECHNICAL NOTES

Para B

Para C

#### TEXT REVISIONS

Para 1

Para 4

NOTE: A-E's should read all the TECHNICAL NOTES located at the beginning of

this guide specification and edit the specification accordingly.

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## GENERAL NOTES

1. This guide specification is to be used in the preparation of contract specifications in accordance with the Sacramento District Specification Manual. It will not be made a part of a contract merely by reference; pertinent portions will be copied verbatim into the contract documents.
2. Where numbers, symbols, words, phrases, clauses, or sentences in this specification are enclosed in the following manner: [ ], a choice or modification must be made; delete inapplicable portion(s) carefully. Where blank spaces occur in sentences, insert the appropriate data. Where entire paragraphs are not applicable, they should be deleted completely.

## TECHNICAL NOTES

- A. The section number will be inserted in the specification heading and prefixed to each page number in project specifications.
- B. For Army Reserve Center vault-door unit, use CE-R-08.2 (MISCELLANEOUS DOORS) and for Finance vaults and unclassified record vaults, use CEGS-08102 (DOORS; FIRE-INSULATED, RECORD VAULT).
- C. Paragraph 1: The listed designations for publications are those that were in effect when this guide specification was being prepared. These designations are updated when necessary by District Instruction, and references in project specifications need be no later than in the current District Instruction for this guide specification. To minimize the possibility of error, the letter suffixes, amendments, and dates indicating specific issues should be retained in Paragraph 1 and omitted elsewhere in the project specification.
- D. Class: Use class 5 for classified record vaults and class 6 for red eye target vaults. For other vaults, select class in accordance with Using Agency's criteria.

Type: Selection shall be based on Using Agency's criteria.

Style: Select style "H" unless otherwise requested by the Using Agency.

Day Gate: Day gate is not required for Air Force projects. For other vaults, day gates will be provided only when specifically requested by the Using Agency.

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The following have been extracted from Fed. Spec. AA-D-600 for designer's reference.

Class 5 - Resistant to man-minutes surreptitious entry and 10 man-minutes forced entry.

Type I - With optical device.  
Type II - Without optical device.

Style H - Hand change combination lock.  
Style K - Key change combination lock.

Class 6 - Resistant to 30 man-minutes surreptitious entry. No forced entry requirement.

Type I - With optical device.  
Type II - Without optical device.

Style H - Hand change combination lock.  
Style K - Key changes combination lock.

Typical head, jamb, and sill details are illustrated in Mosler Safe Company's "Security Door" brochure.

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## SECTION 08316

### DOOR, VAULT, SECURITY

1. APPLICABLE PUBLICATIONS: The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

1.1 Federal Specification (Fed. Spec.):

AA-D-600B                      Door, Vault, Security.  
& Int. Am-4.

2. VAULT DOOR WITH FRAME: Vault door with frame shall conform to Fed. Spec. AA-D-600, class [5;] [6;] Type [I;] [II;] Style [H.] [K.] A day gate shall [not] be provided.

2.1 Day gate shall be manufacturer's standard product constructed of 2" x 3/8" steel bar frame with 1/2" steel tubing spaced 4" on center passing through or welded to 1-1/4" x 38" flat steel bars set horizontal at 8" on center. Lock shall be a pin tumbler keylock with thumb latch on the inside. Finish of the day gate shall be manufacturer's standard finish.

3. WALL THICKNESS AND CONSTRUCTION: Wall thickness and construction shall be [8" CMU] [12" CMU] [8" conc.] as shown on the drawings.

4. SHOP DRAWINGS: Shop drawings shall be submitted for approval in accordance with the SPECIAL CLAUSES, and the Contractor shall receive the approval before delivery of doors. Drawings shall indicate details and method of anchorage to opening; details of construction; location and installation of hardware; and size, shape, and thickness of materials.

5. INSTALLATION: The vault door unit shall be installed in strict compliance with the approved printed instructions and drawings provided by the manufacturer. After installation, adjust the door, the locking mechanism, and the inner escape device for proper operation.

6. CONSTRUCTION QUALITY CONTROL: Attention is directed to SECTION: CONSTRUCTION QUALITY CONTROL which requires the Contractor to perform quality control inspection, testing, and reporting.

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- REMINDER -

Located at the front of these specifications are the Contract Clauses, Special Clauses and Division I GENERAL REQUIREMENTS of the Technical Specifications, which apply to every aspect of this contract including the work in this section whether performed by Prime Contractor, subcontractor, or supplier.